

Role of Nitric Feeding in Forming of Harvest,
by V. V. Tserling, 18 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1,
1963, pp 11-17.
JPRS 261031

Sci - Agri, Chem
Aug 64

265,959

The Use of Spectrum Analysis to Determine the Isotope
Structure of Nitrogen in Biological and Soil Samples,
by K. I. Obolenakaya, N. T. Zhadkova, 10 pp,
RUSSIAN, per, Khim v Sel'skom Khoz, No 1, 1964,
pp 13-16.
JPRS 28023

Sci - Agri
Feb 65

273,240

Methods for Determining the Stability of Suspensions
of Wettable Powderlike Pesticides, by V. P. Tropin, 11 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1, 1964,
pp 17-21.
JPRS 28023

Sci - Agri
Feb 65

273,241

On the Value of Magnesium and Magnesium
Containing Fertilizers, by M. M. Mazayeva, 12 pp.
RUSSIAN, per Khim v Sel'skoh Khoz, No 1,
1963, pp 17-21.
JPRS 26131
0

Sci - Agri
Aug 64

265,960

Complex Compound of Iron With Diethylenetriamine
Pentacetic Acid as a Means of Combating
Chlorosis, by V. M. Churbanov, 5 pp.
RUSSIAN, per, Khim v Sel'skom Khoz., No 1,
1963, pp 21, 22.
JPRS 26031

Sci - Agri
Aug 64

265,961

Test Results of the 20% Solution of Colloidal Sulphur and
Dinitrothiocyanogenbenzene (DRBS) as a Fungicide for
Green Plants, by M. F. Zubov, M. A. Morozova, et al, 6 pp.
RUSSIAN, per, Khim v Selskom Khoz, No 1, 1964,
pp 121-23.
JPRS 28023

Sci - Agri
Feb 65

273,242

Pre-Sowing Treatment of Seeds by Molybdenum,
by Yu. A. Potatuyeva, 9 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1,
1963, pp 23-25.
JPRS 260321

Sci - Agri, Chem
Aug 64

265,962

The Toxicity of Zinc Salts Depends on the Chemical
Structure of the Replaced Salicylanilide,
by M. P. Zubov, L. G. Fedoseyenko, et al, 5 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1, 1964,
pp 24, 25.
JPRS 28023

Sci - Agri
Feb 65

273,243

Effectiveness of Liquid Nitric Fertilizers on
Turfy-Podsolic Soil, by F. V. Yanishevskiy,
V. M. Vlasova, 14 pp.
RUSSIAN, per, Khim v Selskom Khoz, No 1,
1963, pp 26-29.
JPRS 26031

Sci - Agri, Chem
Aug 64

265,963

Chemical Means of Plant Protection, Inhibiting
Cholinesterases and Alkalosterases by Phosphororganic
Compounds, by S. A. Roslyavtseva, 6 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1,
1963, pp 26-30, 31.
JPRS 26031

Sci - Agri, Chem
Aug 64

265,963

Organic Fungicides and Their Importance as Chemical
Protection From Diseases of Growing Plants,
by N. M. Golyshin, 12 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1, 1964,
pp 30-36.
JPRS 28023

Sci - Agri
Feb 65

273,244

Biological and Polarographic Methods of
Chlorophos Analysis, by P. V. Popov,
M. S. Farber, et al, 6 pp.
RUSSIAN, par, Khim v Sel'skom Khoz. No 1, 1963
pp 32-, 33.
JPRS 26031

Sci - Agri, Chem
Aug 64 265, 964

Combination of Tetramethylthyuramdisulfide
Preparations With Insecticide Additions for
Treatment of Corn Seeds, by K. A. Gar,
Ye. I. Andreyev, 14 pp.
RUSSIAN, per Khim v Sel'skom Khoz, No 1,
1963, pp 34-36.
JPRS 26031

Sci - Agri, Chem
Aug 64

265,966

Herbicides, Defoliants and Desiccants,
Effectiveness and Peculiarity of Action of a
New Cotton Plant Defoliant Buryphos,
by L. D. Stonov, 11 pp.
RUSSIAN, per Khim v Sel'skom Khoz, No 1,
1963, pp 39-42.
JPRS 26031

Sci - Agri, Chem
Aug 64

265,967

Nomographs for Appraisal of Herbicide Preparations,
by Ya. Yu. Starosel'skiy, 11 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1,
1963, pp 44-47.
JPRS 26031

Sci - Agri, Chem
Aug 64 265,968

Study of Mechanism of Herbicide Action of 2, 4-D,
by D. I. Chkanikov, Ye. P. Alekhn, et al., 13 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1,
1963, pp 48-51.
XJPRS 26031

Sci - Agri, Chem
Aug 64 263,969

Chemical Sexual Sterilization of Harmful Insects and
Ticks, by B. I. Rukavishnikov, 19 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1, 1964,
pp 37-44.
JPRS 28023

Sci - Agri
Feb 65

273,245

The Use of Herbicides on Sugar Beet Crops,
by A. V. Voyevodin, 6 pp.
RUSSIAN, per, Khim v Sel'sakom Khoz, No 1, 1964,
pp 47-49.
JPRS 28023

Sci - Agri
Feb 65

273,246

The Effect of Certain Macro and Micro Elements on
the Growth and Development of Weaned Piglets,
by I. V. Petrukhin, 11 pp.
RUSSIAN, per, Khim v Sel'skoh Khoz, No 1, 1964,
pp 50-53.
JPRS 28023

Sci - Agri
Feb 65

273,247

Chemistry in Animal Husbandry, Chemical
Preservation of Vegetable Fodders,
M. T. Taranov, 13 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1,
1963, pg 52-50.
JPRS Z6031

Sci - Agri, Chem
Aug 64

265,970

Chemical Sterilization of Injurious
Insects and Mites, by B. Rukavishnikov.
RUSSIAN, per Khim. V. Sel'khoz, Vol. 2
No. 1, 1964, pp 37-55
CSIRO/ No. 7855

Sci -
Aug 67

337-344

Compensating for Protein Deficiency in the Ration of
Ruminants With Ammonium Bicarbonate,
by G. I. Vilesov, O. V. Kokhanekaya, 8 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1, 1964,
pp 53-56.
JPRS 28023

Sci - Agri
Feb 65

273,248

The Scientific and Technical Conference on the Use of
Polymers in Agriculture, 6 pp.
RUSSIAN, per, Khim v Sel'skoms Khoz, No 1, 1964,
pp 56-60.
JPRS 28023

Sci - Agri
Feb 65

273,249

Chronicle, Fifth International Congress on
Pesticides, N.N. Mel'nikov, 5 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1,
1963, pp 59-61.
JPRS 26031

Sci - Agri, Chem
Aug '64 265,971

Conference of Participants of the Geographic
Network of Experiments With Fertilizers, 5 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 1,
1963, pp 62, 63.
JPRS 26031

Sci - Agri, Chem
Aug 64 265,972

Effective Use of Fertilizers and Further Intensification
of Agriculture, by N. N. Baranov, 11 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 2, 1964,
pp 2-6.
JPRS 25528

Sci - Agri, Chem
Aug 64

264,741

Urea-Formaldehyde Fertilizers, by F. V. Turchin,
V. I. Sokolova, et al. 12 pg.
RUSSIAN, per Khim v Sel'skom Khoz, No 2, 1964,
pp 6-10.
JPRS 25528

Sci - Agri, Chem
Aug 64

264,742

Fertilizing Under Winter Rye in Occupied Fallows,
by M. Ye. Pronin, M. I. Shatalova, 10 pp.
RUSSIAN, per, Khim v Sel'skoh Khoz, No 2, 1964,
pp 10-13.
JPRS 25528

Sci - Agri, Chem
Aug 64

264,743

Significance of the Forms of Mineral Fertilizers in
the Case of Introductions in Rows and in the
Nutrition of Sugar Beets, by I. G. Rozdestvenskiy, 8 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 2, 1964,
pp 13-16.

JPRS 25528

Sci - Agri, Chem
Aug 64

264,744

Assimilation of Nutritive Substances by Soil and of
Fertilizers by Plants of a Legume-Grass Pasture,
by S. V. Shishchenko, 8 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 2, 1964,
pp 16-19.
JPRS 25528

Sci - Agri, Chem
Aug 64

264,745

Influence of Additions of Synthetic Resins on the Physical
Properties of Fertilizer Mixtures, by N. V. Babenko,
6 pp.
RUSSIAN, Per, Khim v Sel'skom Khoz, No 2, 1964,
pp 19-21.
JPRS 25528

Sci - Agri, Chem

aug 64

264,746

Influence of the Conditions of Storage on the Variation
of the Toxicity of Phosphamide, by A. S. Sedykh,
T. N. Pan'shina, et al., 8 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 2, 1964,
pp 22-24.
JPRS 25528

Sci - Agri, Chem
Aug 64

264,747

Activity and Localization of Aliesterase and Cholin-
esterase in Insects, by S. A. Roslavitseva,
P. V. Popov, 5 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 2, 1964,
pp 25-26.
JPRS 25528

Sci - Agric, Chem
Aug 64

264,748

Photochemical Oxidation of Petroleum Products
Used as Insecticides, by S. F. Bezuglyy,
I. G. Sarishvili, et al, 7 pp.
RUSSIAN, per, Khim v Sel'skogo Khoz, No 2, 1964,
pp 26-29.
JPRS 25528

Sci - Agri, Chem
Aug 64

264,749

Moist Disinfestation of Warehouses With Organo-phosphorus Preparations, by G. M. Mardzhanyan,
A. A. Karyan, et al, 6 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 2, 1964,
pp 29-31.
JPRS 25528

Sci - Agri, Chem
Aug 64

264, 750

Influence of Various Disinfectants on the Energy of
Sprouting, Technical and Soil-Germinating Capacity
of Seeds of Siberian Acacia, by A. A. Prisyazhnuk, 5 pp.
RUSSIAN, per, Khim v Sel'skoh Khoz, No 2, 1964,
pp 31-33,
JPRS 25528

Sci - Agri, Chem
Aug 64

264,751

Study of the Herbicidal Activity and Selectivity of
Carbene, by V. A. Voytekova, M. I. Gagarina, et al, 8 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 2, 1964,
pp 35-37.
JPRS 25528

Sci - Agri, Chem
Aug 64

264,752

Duration of the Action of Phenylidimethylurea Derivatives
and Their Effectiveness as a Function of the Type of
Soil, by L. I. Korolev, V. A. Voytskhova, et al. 8 pp.
RUSSIAN, per, Khim v Sel'skogo Khoz., No 2, 1964,
pp 37-41.
JPRS 25528

Sci - Agri, Chem
Aug 64

264, 753

Destruction of Bush Overgrowth by Chemical Treatment
During the Period Before Opening of the Leaves,
by T. V. Zosimovskaya, P. A. Samgin, 7 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 2, 1964,
pp 41-43.
JPRS 25528

Sci - Agri, Chem
Aug 64

264,754

Effectiveness of Carbine for Combating Wild Gats,
by L. S. Roktanen, V. P. Tomilov, 5 pp.
RUSSIAN, per. Khim v Sel'skom Khoz. No 2, 1964.
pp 43-45.
JPRS 25528

Sci - Agri, Chem
Aug 64

264,957

Use of Herbicides in Tselinnyy Kray, by P. V. Shin, 5 pp.
RUSSIAN, per, Khim v Sel'skom Khoz. No 2, 1964,
pp 45-47.
JPRS 25528

Sci - X Agri, Chem
Aug 64

264,958

The Use of Herbicides in Latvian SSR, by A. D. Trusova,
8 pp.
RUSSIAN, per, Khim v Sel'skom Khoz, No 2, 1964,
pp 47-50.
JPRS 25528

Sci - Agri, Chem
Aug 64

264,959

Certain Engineering Physical Problems in the Design
of Radiation-Chemical Equipment, by N. P. Syrikus,
18 pp.
RUSSIAN, per, Khim Prom., No 2, 1964, pp 134-141.
9248775
AEC-Tr-6339

Sci-Engr
May 65

280,223

Late Fertilization of Winter Wheat With
Urea as a Method of Improving Grain Quality,
by M. Ye. Promin, V. G. Mineyev, 8 pp.
RUSSIAN, per, Khim v Sel'skrom Khoz, No 5,
1964, pp 8-11.
JPRS 25688

Sci - Agri
Aug 64

264,156

Influence of Certain Physicochemical Proper-
ties of Petroleum Emulsions on Their
Phytocidal and Toxic Properties, by V. S.
Lukannina, V. K. Unterberger, 7 pp.
RUSSIAN, prr, Khimiya v Sel'skem Fosseyavetve,
No 5, 1964, pp 28-30,
P100017368
PTD-HT-67-231

Sci-Chemistry
Feb 68

350,609

Effectiveness of Mineral Fertilizers in Volcanic
Soils of the Kamchatka Peninsula, by Z. A. Prokhorova,
11 pp.

RUSSIAN, per, Khim v Sel'skom Khoz, No 7, 1964,
pp 6-10.

JPRS 27710

Sci-Agriculture
Jan 65

272,303

Chemical Control of Weeds in Soybean Plantings,
by K. I. Mochalkina, 7 pp.

RUSSIAN, per, Khim v Sel'skom Khoz, No 7, 1964,
pp 45-48.

JPRS 27710

Sci-Agriculture
Jan 65

272,304

S-1033/64

Selected Articles From Chemistry in Agriculture.
(NY-9404)

RUSSIAN, per, Khimiya v Sel'skom Khoz, No 7,
1964, pp ~~10~~; ~~45-53~~; 51-53; and ~~56-60~~.

*JPRS

Sci - Chem
Sept 64

Utilization of Antibiotics in Rations of Chicks,
by N. M. Il'in, 10 pp.

RUSSIAN, per, Khim v Sel'skom Khoz, No 7, 1964,
pp 58-62.

JPRS 27710

Sci
Agriculture
Jan 65

272,305

Content of Phosphorus Compounds in Agricultural
Plants at Various Levels of Nutrition, by S.M.
Gurevich and L.N. Kurtseva. llpp
~~RUSSIAN, per Tsvetna v Sel'skom Khozyaistve,~~
~~Moscow, No 8, Aug 64, pp 7-6~~
JPRS 27230

Sci-Chem
Jan 65

271039

Effectiveness of Organophosphorus Defoliants of
Cotton in Samarkandskaya Oblast, by T.S. Zakirov
and T. Ya. Babayev, 7pp
RUSSIAN, per, Khimiya v Sel'skom Khozyaystve,
Moscow, No 8, Aug 65, pp 38-40
JPRS 27230

Sci-Chem, Biol
Jan 65 271090

Results of the Use of Trichlorometaphos-3 to
Control Hypodermatosis in Cattle in Tyumenskaya
Oblast, by A.G. Talanov, 7pp
RUSSIAN, per, Khimiya v Sel'skom Khozyaystve,
Moscow, No 8, Aug 64, pp 41-44
JRW 27230

Sci-Chem, Biol
Jan 65

271091

Mineral Alimentation of Agricultural Animals Under
Conditions of Feeding With Ensilage Crops, by
A.M. Venadikov, 15pp
RUSSIAN, per Khimiya v Sel'skom Khozyaystve,
Moscow, No 8, Aug 64, pp 44-52
JPRS 27230

Sci-Biol & Med

Jan 65

271092

Polymers in Irrigated Agriculture, by G. Yu.
Sheynkin and V.A. Surin, 9pp
RUSSIAN, per, Khimiya v Sel'skom Khozyaystve,
Moscow, No 8, Aug 64, pp 52-56
JPES 27230

Sci-Chem
Jan 65

271093

Combination of Chemical and Biological Control of
Pests, by B.I. Rukavishnikov, 18pp
RUSSIAH, per, Nauchnoe v Sel'skom Khozyaystve,
Moscow, No 3, Aug 64, pp 57-68
JPRS 27230

Sel-Chem, Biol
Jan 65 271094

Use of Fertilizers and Diagnosis of Plant
Nutrition, by V. V. Tserling, 13 pp.
RUSSIAN, per, Khimiya v sel'skom khozyaystve,
No 9, 1964, pp 13-18.
JPRS 29113

Sci-Agriculture
Mar 65

276,708

Radiometric and Photometric Methods of Determining the Quality of Pesticides Used in the Spraying of Crops, by S. V. Andreyev, B. K. Martens, V. A. Molchanova, V. A. Davydov,
11 pp.
RUSSIAN, per, Khimiya v sel'skom khozyaystve,
No 9, 1964, pp 18-23.
JPRS 29113

Sci-Chem
Mar 65

276,709

Enzymatic Method of Analyzing Residues of
Methylethyl Thiophos in Plant Tissues, by
S. A. Roslavitseva, P. V. Popov, V. K. Polya-
kova, 9 pp.
RUSSIAN, por, Khimiya v sel'skom khozyaystve,
No 9, 1964, pp 24-27.
JPRS 29113

Sci-Chem
Mar 65

276,710

Possibility of Applying Organophosphorus
Systemic Agents on Medicinal Plants, by N. I.
Ostrovskiy and Z. V. Panina, 5 pp
RUSSIAN, per, Khimiya v Sel'skom Khozyaystve,
No 9, 1964, pp 23-31.
JPRS 29253

USSR
Sci-B/M
Mar 65

276,574

Herbicidal Properties of p-Chloro- and p-Bromoformanilides, by Ya. Yu. Aliyev, R. Kamilova, I. B. Romanova, L. V. Penakaya, A. Khikmatov, 7 pp
RUSSIAN, per, Khimiya v Sel'skom Khozyaystve, No 9, 1964, pp 32-35.
JPRS 29253

USSR
Sci-B/M
Mar 65

276.575

Phytotoxicity of Herbicides in Relation to
Methods of Use and to Soil Moisture, by V. A.
Kolesnikov, 5 pp.
RUSSIAN, per, Khimiya v sel'skom khozyaystve,
No 9, 1964, pp 54-56.
JPRS 29113

Sci-Agriculture

Mar 65

276,711

Use of Urea Phosphate and Carbamide to Enrich
Silage From Dry Corn Stalks and Other Com-
ponents, by I. Ye. Bukhar, I. P. Grinberg, I.
S. Gusarova, S. A. Tabunshchik, 8 pp.
RUSSIAN, per, Khimiya v sel'skom khozyaystve,
No 9, 1964, pp 61-65.
JPRS 29113

Sci-Chem
Mar 65

276,712

Production and Use of Boron and Molybdenum
Fertilizers in the Soviet Union, by N. V.
Katalymov, 10 pp.
RUSSIAN, per, Khimiya v sel'skom khozyaystve,
No 11, 1964, pp 2-5.
JPRS 28885

Sci-Agriculture
Mar 65

276,046

Testing New Organic Fungicides Against Soybean Diseases, by I. M. Polyakov, A. G. Kronberg,
7 pp.

RUSSIAN, per, Khimika v sol'skom khozyaystve,
No 11, 1964, pp 18-21
JPRS 28885

Sci-Agriculture
Mar 65

276,047

Effectiveness of Using Herbicides in Sugar Beet
Sowings, by K. P. Padenov, 9 pp.
RUSSIAN, per, Khimiya v sel'skom khozyaystve,
No 11, 1964, pp 29-33.
JPRS 28885

Sci-Agriculture
Mar 65

276,048

Results of Using Herbicides in Shelterbelts
Planted in Kokchetavskaya Oblast, by I. N.
Baldyrev, 5 pp.
RUSSIAN, per, Khimiya v sel'skom khozyaystve,
No 11, 1964, pp 47-49
JPRS 28885

Sci-Agriculture
Mar 65

276,049

Detecting Elemental Sulfur in Reactive Fuels,
by A. G. Ryasnyanskaya, 6 pp.

RUSSIAN, per, [REDACTED] Khimiya Seraorganicheskikh
Soyedineniy, Soderzhashchikhsya v Neft i
Neft, Vol IV, 1961, pp 71-74, 9680278

FTD-TT-62-1451

Sci-Chem
Apr 63

226,751

Thiazole Derivatives Prepared on the Basis
of Dimescon and Indandione-1,3, by
E. Gudrinietse.
RUSSIAN, per, Khim. Seraorg. Soed. Soed. Neft.
1 Neft. Prod., Vol 7, 1964, pp 65-66.
NLL Ref: 5828.4F (12844)

Sci-Chem
Jan 69

373.610

The Synthesis of Methane, by I. B. Rapoport,
A. P. Blyndov.

RUSSIAN, ~~as per~~, Khim Tverdogo Topliva, Vol V, No 7,
~~x~~ pp 625-532.

Dept of Interior
Tr No 1669

Sci

Jan 623

(DC-1745)

Apparatus for the Production of Acetylene, by P. K.
Grigoriadi, 7 pp. UNCLASSIFIED

RUSSIAN, bimo per, Khimiya v Shkole, No 6, Moscow,
Nov/Dec 1955, pp 40-44.

US JPRS/DC-L-260

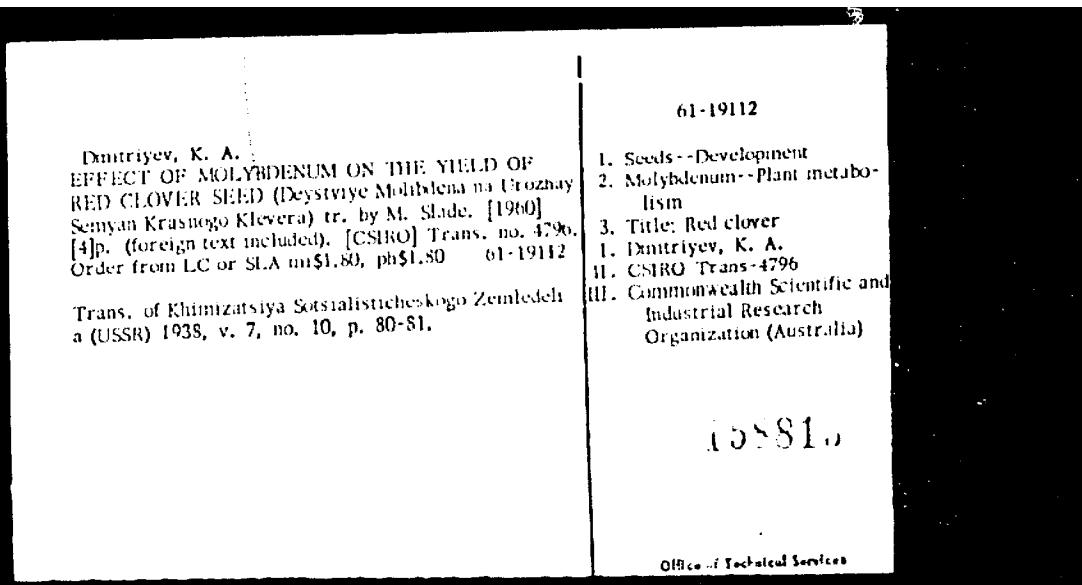
Sci - Chemistry

63,427

S-2209

Exhaust System for the Demonstration of
Experiments With Toxic Gases, by
V. I. Levashov.

RUSSIAN, per, Khim v Shkole, Vol XI,
No 5, Sep-Oct 1956, p 56.



A Method for Determining Forms of Phosphate in Soils, by F. V. Chirikov, 9 pp.

RUSSIAN, per, Khimizatsiya Sotsialist Zemledeliya, No 10.11, 1939, pp 59-
63.

SIA R-2251

Sci

Aug 58

72,222

Biological Significance of Molybdenum and
Its Effects on the Development and Yield
of Clover, by K. Dmitriev.

RUSSIAN, per, Khim Sotsialisticheskogo
Zemledeliya, Vol VI, No 11, 1941,
pp 15-17.

CSIRO 4797

Sci - Biol
Mar 62

189, 258

The Role of Chemistry in the National
Economy, 6 pp.

RUSSIAN, per, Khimiya v Shkole, No 3,
May/Jun 1954, Moscow. CIA D 246070

Sci Mus Lib
55/2234

AT&T
Def Sci Info Sv
DRB, Canada,
T 185 R

Scientific - Chemistry
USSR
Economic
CTS 70/Jul 55

25432

THE FORMATION OF A DIALECTIC-MATERIALISTIC WORLD
OUTLOOK IN STUDENTS TAKING CHEMISTRY COURSES, BY
T. M. PEREPELOVA, 13 PP.

RUSSIAN, PER, KHIMIYA V SHKOLE, NO 3, MAY/JUN 1963,
PP 55-61.

JPRS 20638

SCI - CHEM
AUG 63

238,810

Programmed Teaching of Chemistry, by S. G. Shapovalenko, 16 pp.

RUSSIAN, per, Khim v Shkole, Vol XVIII, No 5, 1963, pp 18-27.

JPRS 22730

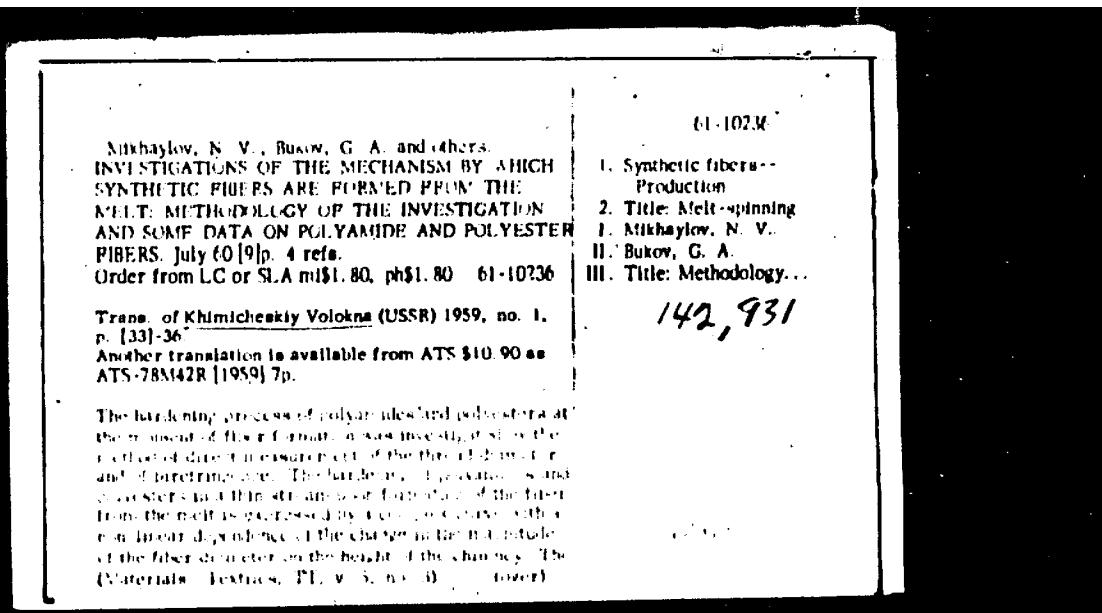
Sci-Misc
Jan 64

246, 094

Comp
Special

1,258/70
23 Dec 69

Table of Contents. Evgeniya Yulianovna Orlova.
RUSSIAN, bk, Khimiya i Tekhnologiya Brizantnykh
Vzryvchatykh Veshchestv, 1960, pp 394-396.



absence of linearity in the flow curve of the investigated polymers is related to the structural transformations at the moment of hardening of the polymers within the limits of one and the same phase of the substance. The hardening process of polyamide and polyester fibers during their formation from the melt goes through several stages: distortion of the melt stream, zone of hardening of the polymer, distinguished by a linear and a non-linear change in diameter with the formation of fibers with a constant cross section. A hypothesis is given concerning the mechanism of polymer hardening during the formation of fibers from the melt. (Author)

61-10236

Obtaining a High-Tenacity Viscose Cord, by
A. T. Serkov, A. Konkin.
RUSSIAN, per, Khim Volokna, No 1, 1959,
pp 15-21.
HTC-69-12775-11E

Sci-Mat
Sept 69

391,214

Mikhaylov, N. V., Bakov, G. A. and others
INVESTIGATIONS OF THE MECHANISMS BY WHICH
THE FIBERS ARE FORMED IN THE
MELT SPINNING OF THE INVESTIGATION
AND SOME DATA ON POLYAMIDE AND POLYESTER
July 60 [?], 4 refs.

Order from LC or \$1. A m\$1.60, ph\$1.60 C1-10236

Zhurnal Tekhnicheskoy Volokna (USSR) 1959, no. 1,
This report is available from ATF \$10. 90 as
ATF 75-1784172.

1. Synthetic fibers--
Production
2. Title: Melt-spinning
I. Mikhaylov, N. V.
II. Bakov, G. A.
III. Title: Methodology...

C1-10236

A75/RJ-2972

Possibilities of Reducing Carbon Disulphide
Consumption in Staple Fibre Plants, by G. A.
Boronichev.

RUSSIAN, per, Khim Volokna, No 1, 1959, p 53.

NLL M. 2389

NLL M. 2671

Jan 62

Possibilities of Reducing Carbon Disulphide
Consumption in Staple Fibre Plants, by G. A.
Borodichev.

RUSTAN, per, Kolm Volokna, No 1, 1959, p 53.

DCIR RRU K-2003

Ref. to Chem

171, 912

Oct 61

Investigation of Concentrated KX Solutions of
Polyacrylonitrile in Dimethylformamide, by
Ye. A. Pakshver, B. E. Heller, 12 pp.

RUSSIAN, per, Khim Volokna, No 2, 1959, pp 21-24.

SLA 60-18527

203, 225

Sci

Jun 62

Perepelkin, K. Ye.

KINETICS OF PHASE TRANSITIONS IN THE DISPERSED SYSTEM VISCOSA-AIR (O Kinetike Prosessov Fazovykh Perekhodov v Dispersnoy Sisteme Vozdukh-Viskoza). Communication 7 of Technological Problema in the Preparation of Spinning Solutions for the Formation of Chemical Fibres. Apr 61 [7]p.

24 refs. RTS 1807.

Order from OTS or SLA \$1.10

61-19805

Trans. of Khimicheskaya Volokna (USSR) 1959, no. 2, p. 48-50.

DESCRIPTORS: Phase transitions, Reaction kinetics.
*Cellulose, Air, *Rayon, Production, Bubbles.

Investigation of the kinetics of phase transitions in the viscose-air dispersed system and determinations of the coefficients of mass transfer at different temperatures have been carried out. It is shown that the radius-time relation for growing (dissolving) air bubbles in viscose (Materials--Textiles, TT, v. 6, no. 5) (over)

61-19805

- I. Perepelkin, K. Ye.
- II. Title: Technological...
- III. RTS-1807
- IV. Department of Scientific
and Industrial Research
(Gr. Brit.)

180534

Office of Technical Services

Kinetics of Phase Transitions in the Dispersed System Viscose-Air, by K. E. Perepelkin.

RUSSIAN, per, Khim Volokna, No 2, 1959, pp 48-50.

NLL RFS 1807

Sci - Chem

180,017

Jan 62

Investigation of Concentrated Solutions of
Polyacrylonitrile in Dimethyl Formamide, by
E. A. Pakshver, et al.

RUSSIAN, per, Khim Volokna, No 2, 1959,
pp 21-24.

DSIR LIU M.1820
(loan)

Sci - Chem

Oct 60

130, 773

Investigation of Concentrated Solutions
of Polyacrylonitrile in Dimethylformammitide, by
Ye. A. Pakshver, B. E. Heller, 12 pp.

RUSSIAN, per, Khim Volokna, No 2, 1959, pp 21-24.

SLA 60-18527

Sci

Jun 62

203,225

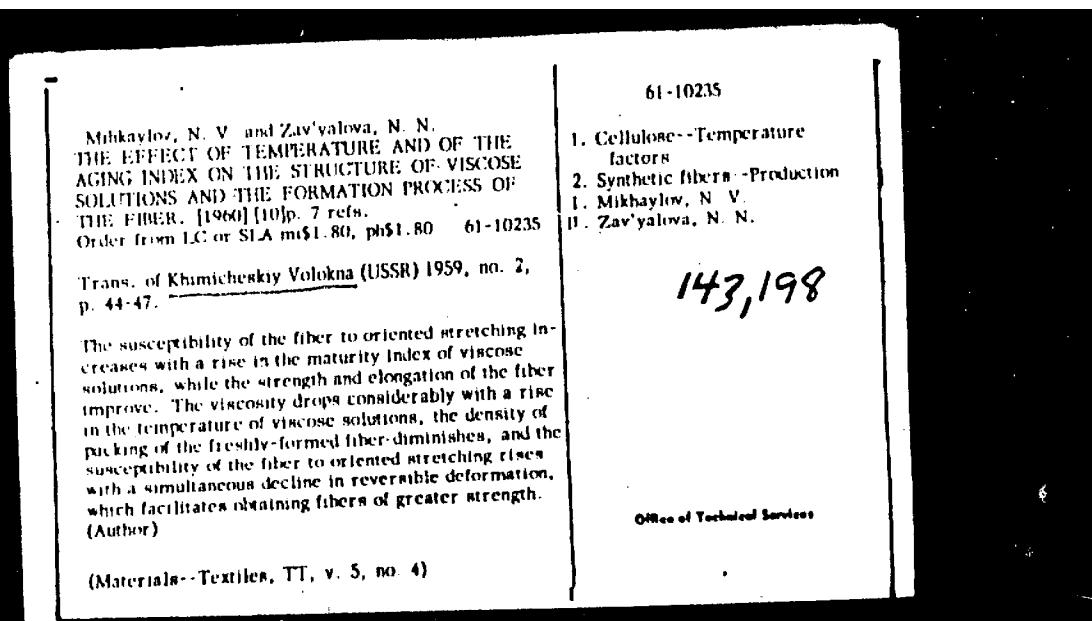
The Effect of the Moisture Content of Pulp on
Its Degree of Xanthation, by A. I. Moes, I. N.
Sokolova, 7 pp.

RUSSIAN, per, Khimicheskij Volokna, No 2, 1959,
pp 2 33-35.

SLA 61-10234

Vol V, No 5
Jul 61

159, 730



Order from ATS \$14.60

ATS-12M46R

Trans. of Khimicheskij Volokna (USSR) 1959,
no. 3, p. 11-15.

147,018

(Materials--Textiles, TT, v. 5, no. 5)

61-12373

- I. Nylon--Production
 - I. Katorzhnov, N. D.
 - II. Prokof'yeva, A. S.
 - III. ATS-12M46R
 - IV. Associated Technical Services, Inc., East Orange, N. J.

ATB/RJ-2971

Office of Technical Services

